

0108-354 US-1

AMENDMENT WITH RCE

03100199aa

Amendment dated 08/03/2007

Reply to office action mailed 04/03/2007

The following is a complete listing of all claims in the application, with an indication of the status of each:

Listing of claims:

- 1 1. (currently amended) An orthopedic aid with two parts (15, 16) which are
2 movable relative to one another and with a locking device for locking the two
3 parts (15, 16) in a predetermined relative position and for unlocking the parts
4 (15, 16) in order to permit movement of the parts (15, 16) with respect to one
5 another, wherein a signaling arrangement (36, 40, 41, 42) is provided which
6 emits a particular indicator signal or warning signal, responsive to means for
7 detecting the locking or unlocking of the device, for alerting a user of the
8 orthopedic aid to a locking state or upon unlocking of the locking device.

- 1 2. (original) The orthopedic aid as claimed in claim 1, wherein at least one
2 detection arrangement (30, 31) is provided for detecting the locking state of
3 the two parts (15, 16) and for emitting a signal indicating the locking state.

- 1 3. (previously presented) The orthopedic aid as claimed in claim 1, wherein
2 the signaling arrangement (36, 40, 41, 42) is designed to emit a signal upon
3 unlocking.

- 1 4. (previously presented) The orthopedic aid as claimed in claim 1, wherein
2 the signal is visual, acoustic, tactile and/or mechanical.

- 1 5. (previously presented) The orthopedic aid as claimed in claim 1, wherein a
2 detection arrangement (30, 31) is designed to generate the signal electrically
3 as a function of the locking state.

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- 1 6. (previously presented) The orthopedic aid as claimed in claim 1, wherein
2 the locking device has a movable locking pin (25) whose position can be
3 detected by the detection arrangement (30,31).

- 1 7. (previously presented) The orthopedic aid as claimed in claim 1, wherein
2 the locking device is designed to be actuated electromechanically to permit
3 unlocking.

- 1 8. (previously presented) The orthopedic aid as claimed in claim 6, wherein
2 the locking pin (25) is arranged such that it can be drawn into a magnet coil
3 (28) to permit unlocking.

- 1 9. (currently amended) The orthopedic aid as claimed in claim 5, wherein the
2 detection arrangement (30, 31) is designed for electrical scanning of the a
3 position of the locking pin.

- 1 10. (previously presented) The orthopedic aid as claimed in claim 1,
2 designed as an orthotic joint in which the parts (15, 16) of a joint (6) can be
3 locked in an extended position, wherein an electromagnetic actuating
4 arrangement (28) with a low actuating force of not more than 2 N is provided,
5 and wherein the joint (6) in the extended position has a slight play, allowing a
6 freedom of movement of the locking mechanism in the loading of the joint (6)
7 pertaining to the extended position, whereas, in the event of a load exerting a
8 turning moment of the joint (6), the locking mechanism cannot be unlocked
9 by the actuating arrangement (28) on account of frictional forces.

- 1 11. (previously presented) The orthopedic aid as claimed in claim 1, wherein
2 the locking device is actuated by wireless transmission of an actuating signal.

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3 12. (previously presented) The orthopedic aid as claimed in claim 11,
4 wherein an actuating signal for wireless transmission of a command signal can
5 be triggered on a handgrip (12) of a walking aid (10).

1 13. (previously presented) The orthopedic aid as claimed in claim 11,
2 wherein the signal of the signaling arrangement (36, 40, 41, 42) can be sent by
3 wireless transmission to the walking aid (10).

1 14. (original) The orthopedic aid as claimed in claim 13, wherein the
2 walking aid (10) has a visual and/or acoustic signal display arrangement.

1 15. (currently amended) The orthopedic aid as claimed in claim 13, wherein
2 a handgrip (12) of the walking aid (10) is provided with a vibrator that can be
3 actuated by the signal of the signaling arrangement (36,40,41,42).